	shire Long-term Occupational Projections								
2014 to 20	24								
SOC		2014	2024	Numeric	Percent		Openings		Occupational
Code	Occupation Title	Estimated	Projected	Change		Growth	Replacement	Total Education/Experience/Training	Descriptor
	Total, All Occupations	677,951	725,244	47,293	7.0%	5,194	16,176	21,370	
	Management Occupations	46,719	49,844	3,125	6.7%	318	1,051		
	Chief Executives General and Operations Managers	1,452 8,837	1,457 9,552	715	0.3% 8.1%	72			Favorable Very Favorable
11-1021	Legislators	313	311	-2	-0.6%	0			Less Favorable
11-2011	Advertising and Promotions Managers	173	184	11	6.4%	1	6		Favorable
	Marketing Managers	1,150	1,251	101	8.8%	10		37 Bachelor 5+ years none	Very Favorable
	Sales Managers Public Relations and Fundraising Managers	2,007	2,145	138	6.9%	14	48		Favorable
11 2001	Administrative Services Managers	378 642	404 702	26 60	6.9% 9.3%	<u>3</u>			Favorable Very Favorable
	Computer and Information Systems Managers	1,819	2,127	308	16.9%	31	22		Very Favorable
11-3031	Financial Managers	3,648	3,994	346	9.5%	35	86		Very Favorable
11-3051	Industrial Production Managers	823	821	-2	-0.2%	0			Less Favorable
11-3061 11-3071	Purchasing Managers Transportation, Storage, and Distribution Managers	354 359	365 370	11	3.1% 3.1%	1	8 8		Less Favorable Less Favorable
11-3071	Compensation and Benefits Managers	100	111	11	11.0%	<u> </u> 1	3	0 1 1	Favorable
11-3121	Human Resources Managers	513	566	53	10.3%	5			Very Favorable
11-3131	Training and Development Managers	97	103	6	6.2%	1	3	4 Bachelor 5+ years none	Less Favorable
	Farmers, Ranchers, and Other Agricultural Managers	3,955	4,030	75	1.9%	8	67		Favorable
002.	Construction Managers Education Administrators, Preschool and Childcare	1,385 342	1,418 359	33 17	2.4% 5.0%	3 2			Favorable
	Education Administrators, Fleschool and Childcare Education Administrators, Elementary and Secondary	1,277	1,319	42	3.3%	4			Favorable Favorable
11-9033	Education Administrators, Postsecondary	737	783	46	6.2%	5	21		Favorable
11 0000	Education Administrators, All Other	135	147	12	8.9%	1	4		Favorable
	Architectural and Engineering Managers	962	984	22	2.3%	2		1,7,1	Favorable
	Food Service Managers Funeral Service Managers	1,559	1,658	99 n	6.4%	10 n	31 n	0 1 7 1	Favorable
	Gaming Managers	n n	n n	n	n n	n	n n		Less Favorable Less Favorable
	Lodging Managers	388	420	32	8.2%	3			Favorable
	Medical and Health Services Managers	1,620	1,901	281	17.3%	28	41		Very Favorable
	Natural Sciences Managers	109	114	5	4.6%	0		1,7,1	Less Favorable
	Postmasters and Mail Superintendents Property, Real Estate, and Community Association	166 1,074	127 1,190	-39 116	-23.5% 10.8%	0 12	<u>4</u> 19	9 , -	Not Favorable Very Favorable
	Social and Community Service Managers	563	619	56	9.9%	6			Very Favorable
	Emergency Management Directors	73	79	6	8.2%	1	1		Favorable
	Managers, All Other	9,632	10,152	520	5.4%	52			Favorable
	Business and Financial Operations Occupations	30,477	33,743	3,266	10.7%	332	601		No. Francista
	Agents and Business Managers of Artists, Performers, and Athletes	n	n	n	n	n	n	n Bachelor < 5 yrs none	Not Favorable
	Buyers and Purchasing Agents, Farm Products	n	n	n	n	n	n	n Bachelor none Long OJT	Less Favorable
	Wholesale and Retail Buyers, Except Farm Products	564	611	47	8.3%	5			Very Favorable
	Purchasing Agents, Except Wholesale, Retail, and Farm	1,453	1,487	34	2.3%	3	40	43 Bachelor none Long OJT	Favorable
	Products Claims Adjusters, Examiners, and Investigators	1.070	1,432	00	4.4%	6	34	40 High School none Long OJT	Favorable
13-1031 13-1032	Insurance Appraisers, Auto Damage	1,372 49	1,432	-1	-2.0%	0	1		Favorable Not Favorable
	Compliance Officers	1,113	1,187	74	6.6%	7	16		Favorable
	Cost Estimators	691	739	48	6.9%	5			Favorable
	Human Resources Specialists	1,925	2,076	151	7.8%	15			Very Favorable
	Labor Relations Specialists Logisticians	127	117	-10 14	-7.9% 3.6%	0		. , , ,	Not Favorable Less Favorable
	Management Analysts	392 2,378	406 2,810	432	18.2%	43	<u>5</u> 33		Very Favorable
	Meeting, Convention, and Event Planners	399	437	38	9.5%	4			Favorable
	Fundraisers	379	415	36	9.5%	4	-		Favorable
	Compensation, Benefits, and Job Analysis Specialists	270	283	13	4.8%	1	7		Favorable
	Training and Development Specialists Market Research Analysts and Marketing Specialists	1,003 1,813	1,100 2,146	97 333	9.7% 18.4%	10 33			Very Favorable Very Favorable
	Business Operations Specialists, All Other	5,374	5,794	420	7.8%	42			Very Favorable
	Accountants and Auditors	4,727	5,317	590	12.5%	59			Very Favorable
	Appraisers and Assessors of Real Estate	326	359	33	10.1%	3			Favorable
	Budget Analysts	133	148	15	11.3%	2		- ' '	Favorable
	Credit Analysts Financial Analysts	182 n	194	12 n	6.6%	1	8 n		Favorable Very Favorable
	Personal Financial Advisors	1,050	n 1,436	386	n 36.8%	39			Very Favorable Very Favorable
	Insurance Underwriters	287	249	-38	-13.2%	0			Not Favorable
13-2061	Financial Examiners	n	n	n	n	n	n	n Bachelor none Moderate OJT	Less Favorable
	Credit Counselors	149	166	17	11.4%	2			Favorable
	Loan Officers	1,161	1,284 364	123	10.6%	12			Very Favorable
	Tax Examiners and Collectors, and Revenue Agents Tax Preparers	356 461	487	8 26	2.2% 5.6%	3	15 12		Favorable Favorable
.0 2002	ταλ τ τοματοίο	401	407	20	J.U /0	<u> </u>	12	To pring in oction notice Moderate Corr	ι ανυιαυισ

79

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418

23

95

n

443

16

n

25

20.3%

6.0%

8.7%

n

2

n

3

n

13

5 Bachelor | none | none

15 Doctorate/Prof | none | none

n Masters | none | none

1 Bachelor | none | none

Favorable

Favorable

Favorable

Not Favorable

19-1032

19-1041

19-1042

19-1099

Foresters

Epidemiologists

Life Scientists, All Other

Medical Scientists, Except Epidemiologists

	shire Long-term Occupational Projections								
2014 to 20	24								
SOC		2014	2024	Numeric	Percent	Openings			Occupational
	Occupation Title	Estimated	Projected	Change	Change Growth	Replacement	Total	Education/Experience/Training	Descriptor
	Astronomers	n	n	n				n Doctorate/Prof none none	Less Favorable
	Physicists Attached and Consensations	55	58	3		-		1 Doctorate/Prof none none	Less Favorable
	Atmospheric and Space Scientists Chemists	49 294	68 300	19	38.8% 2.0%		6	3 Bachelor none none 7 Bachelor none none	Favorable Less Favorable
	Materials Scientists	33	32	-1			1	1 Bachelor none none	Not Favorable
	Environmental Scientists and Specialists, Including Health	444	528	84			•	22 Bachelor none none	Very Favorable
	Geoscientists, Except Hydrologists and Geographers	75	83	8	10.7%			3 Bachelor none none	Favorable
	Hydrologists	58	63	5				2 Bachelor none none	Favorable
	Physical Scientists, All Other	212	219	7	3.3%	-	2	3 Bachelor none none	Less Favorable
19-3011	Economists	50	54	4	8.0%	0	1	1 Masters none none	Favorable
	Survey Researchers	n	n	n	n ı			n Masters none none	Not Favorable
	Clinical, Counseling, and School Psychologists	468	556	88		9 1		9 Doctorate/Prof none Intern /Res	Very Favorable
	Psychologists, All Other	23	26	3	10.070	~		0 Masters none Intern / Res	Less Favorable
	Urban and Regional Planners Anthropologists and Archeologists	199 27	210 34	7	5.5% 25.9%			5 Masters none none 1 Masters none none	Less Favorable Favorable
	Historians	n	n	n	25.9 %			n Masters none none	Less Favorable
	Political Scientists	n	n	n	n i			n Masters none none	Less Favorable
	Social Scientists and Related Workers, All Other	142	147	5				2 Bachelor none none	Less Favorable
	Agricultural and Food Science Technicians	n	n	n	n ı	-		n Associate none Moderate OJT	Favorable
	Biological Technicians	253	286	33		-		0 Bachelor none none	Favorable
	Chemical Technicians	150	158	8	5.3%	•		5 Associate none Moderate OJT	Less Favorable
	Geological and Petroleum Technicians	25	28	3		-		1 Associate none Moderate OJT	Favorable
	Nuclear Technicians Social Science Research Assistants	n	n	n	n i			Associate none Moderate OJT	Less Favorable
	Environmental Science and Protection Technicians.	n 237	n 265	n 28	n 11.8%	1 r 3 1		Bachelor none none 3 Associate none none	Less Favorable Very Favorable
	Forensic Science Technicians	39	49	10				3 Bachelor none Moderate OJT	Favorable
	Forest and Conservation Technicians	67	65	-2				3 Associate none none	Not Favorable
	Life, Physical, and Social Science Technicians, All Other	184	199	15		-		0 Associate none none	Favorable
21-0000	Community and Social Services Occupations	9,408	10,530	1,122	11.9% 11	3 19			
	Substance Abuse and Behavioral Disorder Counselors	213	271	58				0 Bachelor none none	Favorable
	Educational, Guidance, School, and Vocational Counselors	1,240	1,307	67	J. T /0	7 2		Masters none none	Favorable
	Marriage and Family Therapists	250	285	35	1 1.0 /0			9 Masters none Intern / Res	Favorable
	Mental Health Counselors Rehabilitation Counselors	619 530	758 597	139 67		4 1 7 1		87 Masters none Intern / Res 8 Masters none none	Very Favorable
	Counselors, All Other	240	267	27				8 Masters none none	Very Favorable Favorable
	Child, Family, and School Social Workers	585	650	65		6 1		20 Bachelor none none	Very Favorable
	Healthcare Social Workers	552	659	107		1 1		24 Masters none none	Very Favorable
	Mental Health and Substance Abuse Social Workers	305	377	72	23.6%			4 Bachelor none none	Very Favorable
21-1029	Social Workers, All Other	122	126	4	3.3%	0	3	3 Bachelor none none	Less Favorable
	Health Educators	166	188	22				5 Bachelor none none	Favorable
	Probation Officers and Correctional Treatment Specialists	173	182	9	5.2%			4 Bachelor none Short OJT	Less Favorable
	Social and Human Service Assistants	2,187	2,460	273		7 4		'O High School none Short OJT	Very Favorable
	Community Health Workers Community and Social Service Specialists, All Other	160 664	189 733	29 69		7 1		6 High School none Short OJT	Favorable Very Favorable
	Clergy	784	831	47		5 1		22 Bachelor none Moderate OJT	Favorable
	Directors, Religious Activities and Education	439	462	23		2 1		4 Bachelor < 5 yrs none	Favorable
	Religious Workers, All Other	179	188	9	5.0%			4 Bachelor none none	Less Favorable
	Legal Occupations	3,794	3,925	131		2 6	- 1	79	
	Lawyers	2,008	2,074	66	3.3%	7 2	9 3	6 Doctorate/Prof none none	Favorable
	Administrative Law Judges, Adjudicators, and Hearing	124	126	2			2	2 Doctorate/Prof 5+ years Short OJT	Less Favorable
	Arbitrators, Mediators, and Conciliators	23	26	3				0 Bachelor < 5 yr Moderate OJT	Less Favorable
	Judges, Magistrate Judges, and Magistrates	87	88	1			1	1 Doctorate/Prof 5+ years Short OJT	Less Favorable
	Paralegals and Legal Assistants Court Reporters	1,265	1,317	52 5				3 Associate none none 2 Postsecondary none Short OJT	Favorable
	Title Examiners, Abstractors, and Searchers	74 91	79 88	-3			2	2 High School none Short OJT	Less Favorable Not Favorable
	Legal Support Workers, All Other	122	127	5				3 High School none Short OJT	Less Favorable
	Education, Training, and Library Occupations	47,578	49,972	2,394	5.0% 23	_		, , ,	Ecos i avolabio
	Business Teachers, Postsecondary	360	380	20	1			8 Doctorate/Prof none none	Favorable
	Computer Science Teachers, Postsecondary	96	102	6	6.3%	1		3 Doctorate/Prof none none	Less Favorable
	Mathematical Science Teachers, Postsecondary	144	161	17	11.8%	2		4 Doctorate/Prof none none	Favorable
	Engineering Teachers, Postsecondary	n	n	n	n ı			n Doctorate/Prof none none	Favorable
	Agricultural Sciences Teachers, Postsecondary	n	n	n		n r		Doctorate/Prof none none	Not Favorable
	Biological Science Teachers, Postsecondary	253	282	29		~		7 Doctorate/Prof none none	Favorable
	Atmospheric, Earth, Marine, and Space Sciences Teachers, Chemistry Teachers. Postsecondary	n	n 100	n	n I			Doctorate/Prof none none Doctorate/Prof none none	Less Favorable
	Environmental Science Teachers, Postsecondary	90 105	100 110	10 5	11.1% 4.8%			2 Doctorate/Prof none none	Favorable Less Favorable
	Physics Teachers, Postsecondary	76	84	8	10.5%			2 Doctorate/Prof none none	Favorable
	Anthropology and Archeology Teachers, Postsecondary	n	n	n				n Doctorate/Prof none none	Less Favorable
	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	36	40	4			1	1 Doctorate/Prof none none	Favorable
	. ,		.0	.,	**!	1	1	1	

	npshire Long-term Occupational Projections								
2014 to 20	024								
soc		2014	2024	Numeric	Percent	Openings			Occupational
Code	Occupation Title	Estimated	Projected	Change	Change Growth		Total	Education/Experience/Training	Descriptor
25-1063 25-1064	Economics Teachers, Postsecondary Geography Teachers, Postsecondary	102				1 n	2 n	3 Doctorate/Prof none none n Doctorate/Prof none none none	Less Favorable Not Favorable
25-1064 25-1065	Political Science Teachers, Postsecondary	n 64				n 0	n 1	n Doctorate/Prof none none 1 Doctorate/Prof none none	Not Favorable Less Favorable
25-1065	Psychology Teachers, Postsecondary	210				2	4	6 Doctorate/Prof none none	Favorable
25-1067	Sociology Teachers, Postsecondary	55	61	1 6	10.9%	1	1	2 Doctorate/Prof none none	Favorable
25-1069	Social Sciences Teachers, Postsecondary, All Other	62		-			1	2 Doctorate/Prof none none	Favorable
25-1071	Health Specialties Teachers, Postsecondary Nursing Instructors and Teachers, Postsecondary	536					10	18 Doctorate/Prof <5 years none	Very Favorable
25-1072 25-1081	Nursing Instructors and Teachers, Postsecondary Education Teachers, Postsecondary	189 228				3	3	6 Masters < 5 yrs none 5 Doctorate/Prof <5 years none	Favorable Less Favorable
25-1081	Criminal Justice and Law Enforcement Teachers,	26				0	0	0 Doctorate/Prof <5 years none	Less Favorable
25-1112	Law Teachers, Postsecondary	n	n		n r	n	n	n Doctorate/Prof none none	Less Favorable
25-1113	Social Work Teachers, Postsecondary	n					n	n Doctorate/Prof none none	Less Favorable
25-1121	Art, Drama, and Music Teachers, Postsecondary	422				3	8	11 Masters none none	Very Favorable
25-1122 25-1123	Communications Teachers, Postsecondary English Language and Literature Teachers, Postsecondary	72 304				2	5	1 Doctorate/Prof none none 7 Doctorate/Prof none none	Less Favorable Favorable
25-1123 25-1124	Foreign Language and Literature Teachers, Postsecondary						n b	n Doctorate/Prof none none	Less Favorable
25-1125	History Teachers, Postsecondary	109				1	2	3 Doctorate/Prof none none	Less Favorable
25-1126	Philosophy and Religion Teachers, Postsecondary	101	110	9	8.9%	1	2	3 Doctorate/Prof none none	Favorable
25-1192	Home Economics Teachers, Postsecondary	n					n	n Masters none none	Not Favorable
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	59					1	1 Doctorate/Prof none none	Less Favorable
25-1194	Vocational Education Teachers, Postsecondary	263 905				5	5 16	7 Bachelor < 5 yrs none	Favorable
25-1199 25-2011	Postsecondary Teachers, All Other Preschool Teachers, Except Special Education	905 2,854					16 84	21 Doctorate/Prof none none 99 Associate none none	Favorable Favorable
25-2011	Kindergarten Teachers, Except Special Education	2,854					16	18 Bachelor none Intern / Res	Favorable
25-2012	Elementary School Teachers, Except Special Education	6,049					134	154 Bachelor none Intern / Res	Favorable
25-2022	Middle School Teachers, Except Special and	3,491	3,605	5 114	3.3% 1	11	77	88 Bachelor none Intern / Res	Favorable
25-2023	Career/Technical Education Teachers, Middle School	59					1	1 Bachelor < 5 yrs Intern / Res	Less Favorable
25-2031	Secondary School Teachers, Except Special and	4,981					118	134 Bachelor none Intern / Res	Favorable
25-2032 25-2051	Career/Technical Education Teachers, Secondary School Special Education Teachers, Preschool	398 52				0	9	9 Bachelor < 5 yrs Intern / Res 1 Bachelor none Intern / Res	Less Favorable
25-2051 25-2052	Special Education Teachers, Preschool Special Education Teachers, Kindergarten and Elementary	1,146					22	1 Bachelor none Intern / Res 26 Bachelor none Intern / Res	Less Favorable Favorable
25-2052	Special Education Teachers, Middle School	594					11	13 Bachelor none Intern / Res	Favorable
25-2054	Special Education Teachers, Secondary School	562					11	13 Bachelor none Intern / Res	Favorable
25-2059	Special Education Teachers, All Other	n	n	n	n r	n	n	n Bachelor none Intern / Res	Not Favorable
25-3011	Adult Basic and Secondary Education and Literacy	152				1	3	4 Bachelor none Intern / Res	Less Favorable
25-3021	Self-Enrichment Education Teachers Teachers and Instructors All Other Except Substitute	1,585					30	61 High School < 5 yrs none	Very Favorable
25-3097 25-3098	Teachers and Instructors, All Other, Except Substitute Substitute Teachers	2,065 2,798					39 53	55 Bachelor none Intern / Res 63 Bachelor none Intern / Res	Very Favorable Favorable
25-3098 25-4011	Archivists	2,798 n					n 53	n Masters none intern / Res	Not Favorable
25-4012	Curators	76				0	2	2 Masters none none	Less Favorable
25-4013	Museum Technicians and Conservators	n	n	n	n r	n	n	n Bachelor none none	Not Favorable
25-4021	Librarians	1,014					19	19 Masters none none	Favorable
25-4031	Library Technicians	650					31	34 Postsecondary none none	Favorable
25-9011 25-9031	Audio-Visual and Multimedia Collections Specialists Instructional Coordinators	28 581				0 4	6	0 Bachelor < 5 yrs none 10 Masters 5+ years none	Not Favorable
25-9031 25-9041	Teacher Assistants	11,802					283	335 Some College none none	Favorable Favorable
25-9041	Education, Training, and Library Workers, All Other	645					6	10 Bachelor none none	Favorable
27-0000	Arts, Design, Entertainment, Sports, and Media	10,066	10,483	3 417	4.1% 5	51 24	245	296	
27-1011	Art Directors	176	180			0	3	3 Bachelor 5+ years none	Less Favorable
27-1012	Craft Artists	77				0	1	1 none none Long OJT	Not Favorable
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators Multimedia Artists and Animators	n					n	n Bachelor none Long OJT	Less Favorable
27-1014 27-1019	Multimedia Artists and Animators Artists and Related Workers, All Other	111 32				1 0	1	3 Bachelor none Moderate OJT 1 none none Long OJT	Favorable Less Favorable
27-1019	Commercial and Industrial Designers	110				0	3	3 Bachelor none none	Less Favorable
27-1021	Fashion Designers	107				1	2	3 Bachelor none none	Favorable
27-1023	Floral Designers	246	236	-10	-4.1%	0	6	6 High School none Moderate OJT	Less Favorable
27-1024	Graphic Designers	1,061	1,078				25	27 Bachelor none none	Favorable
27-1025	Interior Designers Marchaediae Displayers and Window Trimmers	214				1	5	6 Bachelor none none	Favorable
27-1026 27-1027	Merchandise Displayers and Window Trimmers Set and Exhibit Designers	942				2 :	22	24 High School none Moderate OJT	Favorable
27-1027 27-1029	Set and Exhibit Designers Designers, All Other	71				1	2	1 Bachelor none none 3 Bachelor none none	Less Favorable Favorable
27-1029	Actors	44				0	2	2 Some College none Long OJT	Less Favorable
27-2011	Producers and Directors	218				2	7	9 Bachelor < 5 yrs none	Favorable
27-2021	Athletes and Sports Competitors	24	25	5 1	4.2%	0	1	1 none none Long OJT	Less Favorable
27-2022	Coaches and Scouts	1,456	1,547	7 91	6.3%	9	49	58 Bachelor none none	Favorable
27-2023	Umpires, Referees, and Other Sports Officials	n	n		n r		n	n High School none Moderate OJT	Favorable
27-2031	Dancers	n					n	n none none Long OJT	Not Favorable
27-2032 27-2041	Choreographers Music Directors and Composers	n 506					n 17	n High School 5+ years Long OJT	Not Favorable
4/27-204 i	Music Directors and Composers	596	621	1 25	4.2%	2	17	19 Bachelor < 5 yrs none	Favorable

29-2051

29-2052

29-2053

29-2054

29-2055

29-2056

Dietetic Technicians

Pharmacy Technicians

Psychiatric Technicians

Surgical Technologists

Respiratory Therapy Technicians

Veterinary Technologists and Technicians

122

41

n

360

721

1,362

138

47

n

406

872

1,521

16

159

n

46

151

13.1%

11.7%

14.6%

12.8%

20.9%

n

2

16

n

15

14

0

n

3 Associate | none | none

n Associate | none | none

22 Associate | none | none

9 Postsecondary | none | none

30 High School | none | Moderate OJT

1 Postsecondary | < 5 yrs | Short OJT

Favorable

Favorable

Favorable

Very Favorable

Not Favorable

Very Favorable

Content Title	2014 to 2	024								
2007 Permature National revolution and productions 2018 201 30 50 50 50 50 50 50 50	SOC		2014	2024	Numeric	Percent		Openings		Occupational
	Code	Occupation Title	Estimated	Projected	Change	Change Grow	/th	Replacement Tot	al Education/Experience/Training	Descriptor
Medical Procurs and Fresholders Medical Procurs and Fresholders Medical Procurs Medical Procur	29-2057	Ophthalmic Medical Technicians	218	263	45	20.6%			6 Postsecondary none none	Favorable
Collection Detailment Programment Section Section				,						
Other Company Compan				,						
Second Peter Park of Second		1 , 1 0								
20.000										
December December										
Secondary Technical and Caley Technicals 43		· ·								
Meteor Trainers										
200900 Control Coursectors										
Section Postation Postat										
Psychiatric Assistants	31-0000	Healthcare Support Occupations	18,784	22,208	3,424	18.2%	345	398	743	
Section Processing Assistants	31-1011		1,669	2,254	585	35.1%	58	38		Very Favorable
3-1011 Congoliscal Through Assistants 17	31-1013	·							0 1 1	
30-2011 Companient Through Assistants 1.50 6.8 6.8 1.5 5.7 5.9 5.8 5.8 1.0 Associate prior prior priore Favorable 3.001 Associate prior pr		Ü		,	,		148			
15 - 10 20 20 20 20 20 20 20							1			
Physical Theograph Assistants								-		
19-002 Physical Thoragins Addes 158 178 49 31.9% 27 14 48 19.9% 27 14 48 19.9% 27 14 48 19.9% 27 14 48 48 19.9% 27 14 48 48 19.9% 27 14 48 48 19.9% 27 14 48 48 19.9% 27 14 48 48 19.9% 28 29 29 29 29 29 29 29										
1-991 Message Therapides										
19.999 Dertal Assistants										
3-9009 Medical Assistates				,						
3.993 Medical Equipment Preparers 226 241 15 6.6% 2 5 7 High School none Individuals CUT Favorable 31-9094 Medical Transcriptions 31-90 31-9										
Section Medical Transcriptionisis										
19-1996 Pharmacy Adeles n n n n n n n n n										
31-9997 Prieblochmists 668 790 121 18.1% 12 14 28 Postsecondary Inone Inone Very Favorable		'								
Sandong Healthcare Support Workers, All Other 468 527 59 12.6% 6 10 16 High School none none Very Favorable 2.519 38-2000 Protective Service Occupations 11.654 1.519 865 7.4% 88 29 387 39.1191 First Line Supporvisor of Correctional Officers 11.2 116 4 3.6% 0 3 3 High School c.5 yrs Moderate QJT Leas Favorable 1.519	31-9096	Veterinary Assistants and Laboratory Animal Caretakers	188	206	18	9.6%	2	. 4	6 High School none Short OJT	Favorable
33-0101 First-Line Supervisors of Correctional Officers 112 116 4 3.6% 0 3 3 High School 5 yrs Moderate O.T Less Favorable 33-1012 First-Line Supervisors of Correctional Officers 112 116 4 3.6% 0 3 3 High School 5 yrs Moderate O.T Less Favorable 33-1012 First-Line Supervisors of Profile grading and Prevention 439 522 29 5.5% 3 21 20 High School 5 yrs Moderate O.T Favorable 53-1012 First-Line Supervisors of Profile grading and Prevention 439 522 29 29 20 21 8.1% 2 7 9 High School 5 yrs Moderate O.T Favorable 53-1012 First-Line Supervisors of Profile grading and Prevention 439 522 29 20 21 8.1% 2 7 9 High School 5 yrs Moderate O.T Favorable 53-1012 First-Line Supervisors of Profile grading and Prevention 439 50 50 50 50 50 50 50 5	31-9097	Phlebotomists	669		121	18.1%			26 Postsecondary none none	Very Favorable
Sa-1011 First-Line Supervisors of Forceational Officers 112 116 4 3.6% 0 3 3 high School 5 yrs Moderate OJT Less Favorable 33-1012 First-Line Supervisors of Price Fighting and Prevention 488 515 27 55% 3 22 26 Pestsecondary 5 yrs Moderate OJT Favorable 7 April 1975 1 A	31-9099		468	527	59	12.6%	6	10	16 High School none none	Very Favorable
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Sample First-Line Supervisors of Protective Service Workers, All 259 280 21 8.1% 2 7 9 High School c 5 yrs none Favorable 33 2011 Firefighters 1.504 1.594 90 6.0% 9 44 53 Postsecondary none Long OJT Favorable 33 2022 Fire in lapsectors and Investigators 59 62 3 5.1% 0 2 Postsecondary c 5 yrs Noderate OJT Loss Favorable 33 2021 Fire in lapsectors and Prevention Specialists 184 213 29 15.8% 3 5 8 Postsecondary c 5 yrs Moderate OJT Favorable 33 2012 Correctional Officers and Jaliers 1.013 1.062 49 4.8% 5 28 33 High School none Moderate OJT Favorable 33 2012 Detectives and Chiminal Investigators 324 339 15 4.6% 2 8 10 High School c 5 yrs Moderate OJT Favorable 33 2012 Detectives and Chiminal Investigators 324 339 15 4.6% 2 8 10 High School c 5 yrs Moderate OJT Favorable 33 2012 Detectives and Chiminal Investigators 324 339 15 4.6% 2 8 10 High School c 5 yrs Moderate OJT Favorable 33 2012 Detectives and Chiminal Investigators 324 339 15 4.6% 2 8 10 High School c 5 yrs Moderate OJT Favorable 33 2012 First Moderate OJT Favorable 33 2012 First Moderate OJT Favorable 22 High School none High Color Moderate OJT Favorable 33 2012 First Moderate OJT Favorable 33 2012 First Moderate OJT Favorable 34 2012 First Moderate OJT Favorable 34 2012 First Moderate OJT Favorable 34 2012 First Favorable 34 2012 First Favorable 54 2012 First Favorable 54 2012 First Favorable Favorab										
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33-9014 Parking Enforcement Workers 56 44 -12 2-1.4% 0 2 2 High School Inone Short OJT Not Favorable 33-9011 Animal Control Workers 71 74 3 4.2% 0 2 2 High School Inone Moderate OJT Eavarable 33-9011 Animal Control Workers 71 74 3 4.2% 0 2 2 High School Inone Moderate OJT Less Favorable 33-9021 Private Detectives and Investigators 60 64 4 6.7% 0 2 2 High School c5 yrs Moderate OJT Less Favorable 33-9032 Security Guards 2.585 2,926 341 13.2% 34 36 70 High School none Short OJT Very Favorable 33-9032 Crossing Guards Crossing Guards 33-9032 Crossing Guards Crossing Guards	33-3021	Detectives and Criminal Investigators	324	339	15	4.6%	2	. 8	10 High School < 5 yrs Moderate OJT	Favorable
33-9051 Police and Sheriffs Patrol Officers 2,844 3,010 166 5,8% 17 94 1111 High School none Moderate QJT Favorable 33-9011 Animal Control Workers 71 74 3 4,2% 0 2 2 High School none Moderate QJT Less Favorable 33-9021 Private Detectives and Investigators 60 64 4 6,7% 0 2 2 High School role Shool C5 yrs Moderate QJT Less Favorable 33-9022 Security Quards 2,585 2,926 341 13,2% 34 36 70 High School none Short QJT Less Favorable 33-9092 Lifeguards, Ski Patrol, and Other Recreational Protective 522 557 35 6,7% 4 7 11 none none Short QJT Favorable Service Workers All Other Recreational Protective 522 557 35 6,7% 4 7 11 none none Short QJT Favorable Service Workers All Other Recreational Protective Service Workers All Other Recreational Protective Service Workers All Other Recreational Protective Service Workers All Other Recreational Serving Related Occupations All Other Rec	33-3031			45	3	7.1%	0	1	1 Bachelor none Moderate OJT	Favorable
33-9011 Animal Control Workers 71 74 3 4.2% 0 2 2 High School none Moderate OJT Less Favorable 33-9021 Private Detectives and Investigators 60 64 4 6.7% 0 2 2 High School c 5 yrs Moderate OJT Less Favorable 33-9032 Security Quards 2.588 2.926 341 13.2% 34 36 70 High School none Short OJT Very Favorable 33-9091 Crossing Quards 480 513 33 6.9% 3 9 12 none none Short OJT Favorable Service Workers 7 11 11 11 12 12 13 14 14 14 14 14 14 14										
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33-9099 Protective Service Workers, All Other 322 344 22 6.8% 2 4 6 High School none Short OJT Favorable	33-9093		143	140	-3	-2 1%	n	2	2 High School none Short O.IT	Not Favorable
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35-2012 Cooks, Institution and Cafeteria 1,510 1,637 127 8.4% 13 40 53 none none Short OJT Very Favorable	35-1012	First-Line Supervisors of Food Preparation and Serving	3,266	3,622	356	10.9%	36	97	133 High School < 5 yrs none	Very Favorable
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35-3021 Combined Food Preparation and Serving Workers, 12,218 13,705 1,487 12.2% 149 395 544 none none Short OJT Very Favorable		·								
35-3022 Counter Attendants, Cafeteria, Food Concession, and Coffee Shop Coffee S										
Coffee Shop 12,093 12,686 593 4.9% 59 582 641 none none Short OJT Favorable										
35-3031 Waiters and Waitresses 12,093 12,686 593 4.9% 59 582 641 none None Short OUT Favorable	00-0022		2,300	2,401	101	1.070	10	130	134 Hone Hone Shoft Od I	i avuiaule
	35-3031		12 003	12 686	503	A Q°/-	50	582	641 none I none I Short O IT	Favorable
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	pshire Long-term Occupational Projections									
2014 to 20	024									
soc		2014	2024	Numeric	Percent		Openings			Occupational
Code	Occupation Title	Estimated	Projected	Change			Replacement	Total	Education/Experience/Training	Descriptor
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	1,608	1,758	150	9.3%	15			95 none none Short OJT	Very Favorable
35-9021	Dishwashers	2,184	2,160	-24	-1.1%	0			94 none none Short OJT	Less Favorable
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	2,318	2,451	133	5.7%	13	164	1	177 none none none	Favorable
35-9099	Food Preparation and Serving Related Workers, All Other	164	176	12	7.3%	1	3	3	9 none none Short OJT	Favorable
37-0000	Building and Grounds Cleaning and Maintenance	25,700	27,747	2,047	8.0%	204	513	3	717	
37-1011	First-Line Supervisors of Housekeeping and Janitorial	1,046	1,127	81	7.7%	8			24 High School < 5 yrs none	Very Favorable
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	988	1,061	73	7.4%	7	16		23 High School < 5 yrs none	Very Favorable
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	9,997	10,628	631	6.3%				262 none none Short OJT	Favorable
37-2012	Maids and Housekeeping Cleaners	5,891	6,502	611	10.4%	61	140)	201 none none Short OJT	Very Favorable
37-2019 37-2021	Building Cleaning Workers, All Other Pest Control Workers	56 234	63 235	7	12.5% 0.4%	0	(3	2 none none Short OJT 6 High School none Moderate OJT	Favorable Less Favorable
37-2021	Landscaping and Groundskeeping Workers	6,893	7,459	566	8.2%	57			181 none none Short OJT	Very Favorable
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	32	35	3	9.4%	0		1	1 High School none Moderate OJT	Favorable
37-3013	Tree Trimmers and Pruners	180	192	12	6.7%	1	3	3	4 High School none Short OJT	Less Favorable
37-3019	Grounds Maintenance Workers, All Other	383	445	62	16.2%	6			13 none none Short OJT	Very Favorable
39-0000	Personal Care and Service Occupations	23,916	26,863	2,947	12.3%		507		802	
39-1011	Gaming Supervisors	48	52	4	8.3%	0			2 High School < 5 yrs none	Favorable
39-1021	First-Line Supervisors of Personal Service Workers Animal Trainers	1,013	1,131	118	11.6%	12			31 High School < 5 yrs none	Very Favorable
39-2011 39-2021	Nonfarm Animal Caretakers	117 1,043	129 1,166	12 123	10.3% 11.8%	12			5 High School none Moderate OJT 34 High School none Short OJT	Favorable Very Favorable
39-3011	Gaming Dealers	203	221	18	8.9%	2			7 High School none Short OJT	Favorable
39-3021	Motion Picture Projectionists	n	n	n	n	n			n none none Short OJT	Not Favorable
39-3031	Ushers, Lobby Attendants, and Ticket Takers	225	240	15	6.7%	2			16 none none Short OJT	Favorable
39-3091	Amusement and Recreation Attendants	1,312	1,458	146	11.1%	15			70 none none Short OJT	Very Favorable
39-3092	Costume Attendants	n	n	n	<u>n</u>	n			n High School none Short OJT	Not Favorable
39-3093 39-3099	Locker Room, Coatroom, and Dressing Room Attendants Entertainment Attendants and Related Workers, All Other	49 107	52 130	3 23	6.1% 21.5%	0 2			2 High School none Short OJT 6 High School none Short OJT	Less Favorable
39-4011	Embalmers	n	n 130	zo n	21.5% n	n			n Postsecondary none Short OJT	Favorable Not Favorable
39-4021	Funeral Attendants	80	79	-1	-1.3%	0			2 High School none Short OJT	Not Favorable
39-4031	Morticians, Undertakers, and Funeral Directors	93	99	6	6.5%	1			3 Associate none Long OJT	Less Favorable
39-5011	Barbers	526	583	57	10.8%	6			16 Postsecondary none none	Very Favorable
39-5012	Hairdressers, Hairstylists, and Cosmetologists	3,520	3,864	344	9.8%	34			125 Postsecondary none none	Very Favorable
39-5092	Manicurists and Pedicurists	631	696	65	10.3%	6		_	11 Postsecondary none none	Very Favorable
39-5093 39-5094	Shampooers Skincare Specialists	n 355	n 403	n 48	n 13.5%	n 5		3	n none none Short OJT 8 Postsecondary none none	Less Favorable Favorable
39-6011	Baggage Porters and Bellhops	n	n	n	n 10.576	n			n High School none Short OJT	Favorable
39-6012	Concierges	n	n	n	n	n	n		n High School none Moderate OJT	Less Favorable
39-7011	Tour Guides and Escorts	145	161	16	11.0%	2			8 High School none Moderate OJT	Favorable
39-9011	Childcare Workers	4,201	4,460	259	6.2%	26			150 High School none Short OJT	Favorable
39-9021	Personal Care Aides Fitness Trainers and Aerobics Instructors	5,535	6,734	1,199	21.7%	120 22			165 none none Short OJT	Very Favorable
39-9031 39-9032	Recreation Workers	1,959 1,939	2,176 2,161	217 222	11.1% 11.4%	22			58 High School none Short OJT 58 High School none Short OJT	Very Favorable Very Favorable
39-9041	Residential Advisors	332	360	28	8.4%	3			13 High School none Short OJT	Very Favorable
39-9099	Personal Care and Service Workers, All Other	394	411	17	4.3%	2			11 High School none Short OJT	Favorable
41-0000	Sales and Related Occupations	86,088	90,709	4,621	5.4%				3,106	
41-1011	First-Line Supervisors of Retail Sales Workers	9,184	9,565	381	4.1%	38			243 High School < 5 yrs none	Favorable
41-1012	First-Line Supervisors of Non-Retail Sales Workers	2,415	2,566	151	6.3%	15			43 High School < 5 yrs none	Favorable
41-2011 41-2021	Cashiers Counter and Rental Clerks	21,788 2,079	22,304 2,209	516 130	2.4% 6.3%	52 13			979 none none Short OJT 65 none none Short OJT	Favorable Favorable
41-2021	Parts Salespersons	2,079 1,472	1,529	57	3.9%	6			39 none none Moderate OJT	Favorable
41-2031	Retail Salespersons	27,320	29,054	1,734	6.3%	173			1120 none none Short OJT	Favorable
41-3011	Advertising Sales Agents	604	555	-49	-8.1%	0	18	3	18 High School none Moderate OJT	Less Favorable
41-3021	Insurance Sales Agents	2,544	2,756	212	8.3%	21			88 High School none Moderate OJT	Very Favorable
41-3031	Securities, Commodities, and Financial Services Sales Agents	1,698	1,908	210	12.4%				50 Bachelor none Moderate OJT	Very Favorable
41-3041	Travel Agents	386	370	-16	-4.1%	0			6 High School none Moderate OJT	Less Favorable
41-3099	Sales Representatives, Services, All Other	3,227	3,585	358	11.1%				105 High School none Moderate OJT	Very Favorable
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	3,213	3,465	252	7.8%				91 Bachelor none Moderate OJT	Very Favorable
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	6,830	7,356	526	7.7%	53			193 High School none Moderate OJT	Very Favorable
41-9011	Demonstrators and Product Promoters	130	144	14	10.8%	1	4		5 High School none Short OJT	Favorable
41-9012	Models Real Estate Brokers	n 317	n 323	n 6	n 1 0%				n none none none	Less Favorable
41-9021	near Estate Diukeis	317	323	6	1.9%	1	2	2	3 High School < 5 yrs none	Less Favorable

	npshire Long-term Occupational Projections									
2014 to 20	624									
SOC		2014	2024	Numeric	Percent		Openings			Occupational
Code	Occupation Title	Estimated	Projected	Change			Replacement	Total	· · · · · · · · · · · · · · · · · · ·	Descriptor
41-9022	Real Estate Sales Agents	332						2	3 High School none Moderate OJT	Less Favorable
41-9031	Sales Engineers	517						13	16 Bachelor none Moderate OJT	Favorable
41-9041	Telemarketers	661						12	14 none none Short OJT	Favorable
41-9091	Door-to-Door Sales Workers, News and Street Vendors,	528	511	-17	-3.2%	% 0	1	4	4 none none Short OJT	Not Favorable
41-9099	and Related Workers Sales and Related Workers, All Other	838	, 028	90	10.79		9 1:	12	21 Llich Cohool I nano I nano	Vor. Egyprahla
41-9099 43-0000	Office and Administrative Support Occupations	105,384							21 High School none none	Very Favorable
43-1011	First-Line Supervisors of Office and Administrative Support	6,905	1 1						167 High School < 5 yrs none	Very Favorable
40-1011	Workers	0,000	7,562	١, ١	J. 1 /J			*	107 Tilgir Oction C 3 yrs none	very ravorable
43-2011	Switchboard Operators, Including Answering Service	489	335	-154	-31.5%	/o r	0	6	6 High School none Short OJT	Less Favorable
43-2021	Telephone Operators	n		n				n	n High School none Short OJT	Not Favorable
43-2099	Communications Equipment Operators, All Other	n	n	n	n	n n		n	n High School none Short OJT	Not Favorable
43-3011	Bill and Account Collectors	1,467		32				36	39 High School none Moderate OJT	Favorable
43-3021	Billing and Posting Clerks	1,844	,					38	61 High School none Moderate OJT	Very Favorable
43-3031	Bookkeeping, Accounting, and Auditing Clerks	8,071						79	79 Some College none Moderate OJT	Less Favorable
43-3041	Gaming Cage Workers	n		n				n	n High School none Short OJT	Less Favorable
43-3051	Payroll and Timekeeping Clerks	766						20	20 High School none Moderate OJT	Less Favorable
43-3061	Procurement Clerks	467						16	16 High School none Moderate OJT	Less Favorable
43-3071	Tellers	2,011		-104				79	79 High School none Short OJT	Less Favorable
43-3099	Financial Clerks, All Other	414		43				11	15 High School none Short OJT	Very Favorable
43-4011	Brokerage Clerks	n		n				n	n High School none Moderate OJT	Very Favorable
43-4021	Correspondence Clerks	25					0	1	1 High School none Short OJT	Not Favorable
43-4031	Court, Municipal, and License Clerks	456		25				3	5 High School none Moderate OJT	Less Favorable
43-4041	Credit Authorizers, Checkers, and Clerks Customer Service Representatives	149					<u> </u>	1	1 High School none Moderate OJT	Less Favorable
43-4051 43-4061	Eligibility Interviewers, Government Programs	9,100 423						5	314 High School none Short OJT 7 High School none Moderate OJT	Very Favorable Favorable
43-4061	File Clerks	530		-34				5 11	11 High School none Short OJT	Less Favorable
43-4071	Hotel, Motel, and Resort Desk Clerks	1,224						63	75 High School none Short OJT	Very Favorable
43-4061	Interviewers, Except Eligibility and Loan	1,224	,					28	34 High School none Short OJT	Favorable
43-4111	Library Assistants, Clerical	881						27	31 High School none Short OJT	Favorable
43-4131	Loan Interviewers and Clerks	775		85				12	20 High School none Short OJT	Very Favorable
43-4141	New Accounts Clerks	458					-	11	11 High School none Moderate OJT	Less Favorable
43-4151	Order Clerks	940		28				26	29 High School none Short OJT	Favorable
43-4161	Human Resources Assistants, Except Payroll and	546		-15				6	6 Associate none none	Less Favorable
43-4171	Receptionists and Information Clerks	5,270						_	180 High School none Short OJT	Very Favorable
43-4181	Reservation and Transportation Ticket Agents and Travel	148	,				2	2	4 High School none Short OJT	Favorable
1	Clerks	1	1	į .	Í.					·
43-4199	Information and Record Clerks, All Other	1,076	1,173	97			J	28	38 High School none Short OJT	Very Favorable
43-5011	Cargo and Freight Agents	64						2	3 High School none Short OJT	Favorable
43-5021	Couriers and Messengers	661		60				8	14 High School none Short OJT	Very Favorable
43-5031	Police, Fire, and Ambulance Dispatchers	695						17	17 High School none Moderate OJT	Less Favorable
43-5032	Dispatchers, Except Police, Fire, and Ambulance	653						16	18 High School none Moderate OJT	Favorable
43-5041	Meter Readers, Utilities	71					0	1	1 High School none Short OJT	Not Favorable
43-5051	Postal Service Clerks	439						5	5 High School none Short OJT	Not Favorable
43-5052	Postal Service Mail Carriers	1,467		-347				28	28 High School none Short OJT	Less Favorable
43-5053	Postal Service Mail Sorters, Processors, and Processing	655	450	-205	-31.3%	J U	0	8	8 High School none Short OJT	Less Favorable
43-5061	Machine Operators Production Planning and Expediting Clarks	1 10F	5 1,224	20	2.4%		3 3:	20	05 High Cohool Lagna Moderate O.IT	Favorable
43-5061	Production, Planning, and Expediting Clerks Shipping, Receiving, and Traffic Clerks	1,195 2,729		-12				32 59	35 High School none Moderate OJT 59 High School none Short OJT	Favorable Less Favorable
43-5071	Stock Clerks and Order Fillers	13,179	,						100 100	
43-5081	Weighers, Measurers, Checkers, and Samplers,	13,179			6.1% 2.4%			5	498 none none Short OJ I 5 High School none Short OJT	Less Favorable
40 0111	Recordkeeping		""	· 'I	1	_		1	Julian ochool Luone Louis Co.	Loss I avolubio
43-6011	Executive Secretaries and Executive Administrative	1,610	1,523	-87	-5.4%	, ,	0 1	17	17 High School < 5 yrs none	Less Favorable
43-0011	Assistants	1,010	1,320	-0,	-J. 4 /0	·		1	17 High School < 5 yrs hone	Less Favorable
43-6012	Legal Secretaries	875	799	-76	-8.7%		0	9	9 High School none Moderate OJT	Less Favorable
43-6012	Medical Secretaries	2,441						26	72 High School none Moderate OJT	Very Favorable
43-6013	Secretaries and Administrative Assistants, Except Legal,	11,555							162 High School none Short OJT	Favorable
-10 00 .	Medical, and Executive	1	1	·	1			-	10L 11gh 551.051 1.11.12 1.11.12	1 4.0.4
43-9011	Computer Operators	327	7 272	-55	-16.8%	<u>_</u>	0	2	2 High School none Moderate OJT	Not Favorable
43-9021	Data Entry Keyers	1,442					•	18	18 High School none Moderate OJT	Less Favorable
43-9022	Word Processors and Typists	88						0	0 High School none Short OJT	Not Favorable
43-9031	Desktop Publishers	68				-	-	2	2 Associate none Short OJT	Not Favorable
43-9041	Insurance Claims and Policy Processing Clerks	1,251						31	37 High School none Moderate OJT	Favorable
43-9051	Mail Clerks and Mail Machine Operators, Except Postal	451					0	9	9 High School none Short OJT	Less Favorable
1	Service	1	1	į .	Í.					'
43-9061	Office Clerks, General	13,352	2 13,842	490	3.7%	% 49	9 28	38	337 High School none Short OJT	Favorable
43-9071	Office Machine Operators, Except Computer	496						11	11 High School none Short OJT	Less Favorable
43-9081	Proofreaders and Copy Markers	52					0	1	1 Bachelor none none	Favorable
		195						8	8 Bachelor none none	Less Favorable

Company Comp		pshire Long-term Occupational Projections								
Code		24								
2-1919 The Performance of Expert Volume 1,147 3,44 3,44 207			2014	2024	Numeric					· · · · · · · · · · · · · · · · · · ·
		the control of the co								
Section Sect								1	, , ,	Very Favorable
Windows										Net Ferrerable
Committee Comm	45-1011		106	103	-3	-∠.ठ7₀	U	3	3 High School < 5 yrs none	Not Favorable
Section Advanced Processor 1	45-2011		n	n	n	n	n	n	n Bachelor none Moderate OJT	Not Favorable
April April Experted Contents Conten		Animal Breeders	n	n						
Second Comment								_		
Emmonters and Lubrone, Cons. Auteury, and Green trapes 4,455 5 5 7 1 1 1 1 1 1 1 1 1		Agricultural Equipment Operators								
Second Agriculture Agricul	45-2092	Crop Nursery and Crophage	684	700	16	2.3%	2	18	20 none none Short OJT	Favorable
Section Agrocultural Workers Agrocultur	45-2003		459	485	26	5.7%	3	12	15 none I none I Short O IT	Favorable
Section Prince and Related Rights Workness n n n n n n n n n		, . , ,								
Section of Communication Windows										
1. Contraction and Extraction Companions 2,448 258,85 1,635 7,675 100 388 588										
2-9000 Construction and Estraction Occupations 2.48 2.586 1.55 1.50										
First Line Supervisors of Construction Trades and 2,467 2,869 183 5,76 15 20 20 35 High School (3 - years) From Part Part Part Part Part Part Part Part								1		Less Favorable
Estancion Western 2011 Delimination 1903 270 17 8.8% 2 3 5 High School name Agreeniscoship Favorable 2011 Delimination 201										Egyproble
2021 Bollemakers 193 210 17 8.8% 2 3 5 high Stood Inner Apprentication Favorable	47-1011	·	2,401	۷,020	100	U.£ /0	10	20	35 high school 5+ years none	ravorable
2002	47-2011		193	210	17	8.8%	2	3	5 High School I none Apprenticeship	Favorable
22-2022 Storemasore 130 131 11 9 15 1 1 2 150 Store none Appromises Favorable 7-2031 Caspet Intelligen 4,188 4,585 215 5,576 22 44 77 High School none Appromises Favorable 7-2031 Caspet Intelligen 4,188 4,585 215 5,576 22 44 77 High School none Appromises Favorable 7-2031 Caspet Intelligen 4,188 4,585 215 5,576 22 44 77 High School none Appromises Favorable 7-2031 Caspet Intelligen 7-2031 Caspet In										
## Part Cappertree ## Part Pa										
Product Processor Carpert Wood, and Hard Tiles 28 31 3 10.7% 0 0 0 none inner Moderate OUT Less Favorable 47-2043 Processor Reviews 52 53 1 1.9% 0 1 1 none inner Moderate OUT Less Favorable 47-2044 Tile and Martine Setters 84 89 5 6.5% 0 1 1 none inner Moderate OUT Less Favorable 47-2044 Tile and Martine Setters 84 89 5 6.5% 0 1 1 none inner Moderate OUT Less Favorable 72-2044 Tile and Martine Setters 84 89 5 6.5% 0 1 1 none inner Moderate OUT Less Favorable 72-2045 Tile Annual Martine Setters 72-2045 Tile Annual Martine S		·								
1.700 Floor Sanders and Finalhers 52 53 1 1.7% 0 1 1.000 none Moderate QT Less Favorable 4.7004 Tile and Mattle Setters 84 88 5 5.0% 0 1 1.000 none Long QTT Less Favorable 4.7004 Tile and Mattle Setters 194 211 17 8.3% 2 2 4.000 none Long QTT Less Favorable 4.7005 Commit Mission and Convote Finishers 194 211 17 8.3% 2 2 4.000 none Moderate QTT Favorable 4.7005 Commit Mission and Convote Finishers 194 211 17 8.3% 2 2 4.000 none Moderate QTT Favorable 4.7005 Commit Mission and Convote Principle Equipment Operators 220 230 6 2.0% 1 5 6.1% School local Moderate QTT Less Favorable 4.7005 Commit Convote Principle Equipment Operators 4.7005 Commit Convote Principle Equipment 4.7005 Commit Con										
## 2005 The rank Marginer and Coverage Friendres										
47-2015 Comment Measure and Concrete Finishers 194 211 17 8.8% 2 2 4 none none Moderate CUT Favorable 47-2015 Concretion Laborers 3,632 3,532 3,537 305 8.4% 30 72 102 none none Short CUT Very Favorable 47-2017 Pipring, Surfacing, and Tamping Equipment Operation 228 224 6 2.5% 1 5 6 High School none Moderate CUT Less Favorable 47-2017 Pipring, Surfacing, and Tamping Equipment Operation 228 224 6 2.5% 1 5 6 High School none Moderate CUT Less Favorable 47-2017 Pipring, Surfacing, and Tamping Equipment Operation 248 345 3 0.9% 5 16 21 High School none Moderate CUT Less Favorable 47-2018 Pipring and Culting Tie Installators 342 345 3 0.9% 0 2 2 none none Moderate CUT Less Favorable 47-2018 Pipring and Culting Tie Installators 2,232 2,275 252 10.8% 25 386 61 High School none Apprenticeship Very Favorable 47-2018 Pipring Annual Pipri										
#72071 Paing, Surfacing, and Tampring Equipment Operators 228 234 6 2.0% 1 5 0 High School Innow Modurate OUT Less Fevorable 47-2072 Pale-Driver Operators n n n n n n n n n n n n n n n n n n n										
47-2072 Paving, Surfacing, and Tamping Equipment Operators 0.28 0.24 6 2.0% 1 5 6 High School I none Moderate OUT Loss Favorable 47-2072 Operating Engineers and Other Construction Equipment 949 959 46 4.8% 5 16 2! High School I none Moderate OUT Favorable 47-2073 Operating Engineers and Other Construction Equipment 949 959 46 4.8% 5 16 2! High School I none Moderate OUT Favorable 47-2073 Operating Engineers and Other Construction Equipment 949										
A-2-073 Pile-Driver Operators n n n n n n n n n										
A-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2										
47-2892 Dywall and Celling Tile Installers 342 345 3 0.9% 0 2 2 none Index at OUT Less Favorable 47-2812 Electricians 2.323 2.575 252 10.8% 25 36 61 Hpl) School none Apprenticeship Very Favorable 47-2812 Electricians 89 91 2 2.2% 0 1 1 Hpl) School none Apprenticeship Very Favorable 47-2813 Insulation Workers, Floor, Ceiling, and Wall 187 190 3 1.6% 0 6 6 6 none none Short OUT Less Favorable 47-2813 Insulation Workers, Floor, Ceiling, and Wall 187 190 3 1.6% 0 6 6 6 none none Short OUT Less Favorable 47-2814 Paperhangers n n n n n n n n n	47-2073		949	995	46			16		
47-2911 Electricians 2.23 2.575 252 10.8% 25 36 61 High School none Apprenticeship Less Favorable 47-2121 Glaziers 88 91 2 2.2% 0 1 1 High School none Apprenticeship Less Favorable 47-2131 Natuation Workers, Floor, Ceiling, and Wall 187 190 3 1.6% 0 6 6 hone none Short OUT Less Favorable 47-2141 Parters, Construction and Maintenance 1,225 1,292 67 5.5% 7 20 27 none none Independence OUT Favorable 47-2142 Parters, Construction and Maintenance 1,225 1,292 67 5.5% 7 20 27 none none Long OUT Not Favorable 47-2143 Pipelayers 144 151 7 4.9% 1 2 3 none none Long OUT Not Favorable 47-2152 Pipelayers 144 151 7 4.9% 1 2 3 none none Short OUT Less Favorable 47-2163 Pipelayers 1,776 1,903 127 7.2% 13 24 37 High School none Apprenticeship Very Favorable 47-2163 Pipelayers 1,776 1,903 127 7.2% 13 24 37 High School none Apprenticeship Very Favorable 47-2161 Plasterers and Stucco Masons n n n n n n n n n		'		0.45		9.00/				
47-2111 Electricians 2.322 2.575 252 10.8% 25 36 61 High School I none Apprenticeship Very Favorable 47-2131 Insulation Workers, Floor, Colling, and Wall 187 190 3 1.6% 0 6 6 6 none none Short OJT Less Favorable 47-2131 Insulation Workers, Floor, Colling, and Wall 187 190 3 1.6% 0 6 6 none none Short OJT Less Favorable 47-2142 Paperhangers 1.255 1.292 67 5.5% 7 20 27 none none Moderate OJT Favorable 47-2142 Paperhangers 1.41 151 7 4.9% 1 2 3 none none Long OJT Not Favorable 47-2153 Pipelityres 1.44 1.51 7 4.9% 1 2 3 none none Short OJT Less Favorable 47-2151 Pipelityres 1.41 1.51 7 4.9% 1 2 3 none none Short OJT Less Favorable 47-2151 Pipelityres 47-		,			3					
#7-2121 Glaziers					252					
47-2131 Insulation Workers, Floor, Ceiling, and Wall 187 190 3 1.6% 0 6 6 none none Short OUT Less Favorable 47-2142 Paperhangers 1 1 1 1 1 1 1 1 1										
A72-141 Painters, Construction and Maintenance 1,225 1,292 67 5.5% 7 20 27 none none Moderate QT Favorable A72-142 Paperhangers n n n n n n n n n n n n n n n n n n										
47-2142 Paperhangers										
47-2152 Plumbers, Pipefitters, and Staenfitters 1,76 1,903 127 7.2% 13 24 37 High School none Apprenticeship Very Favorable 47-2171 Plumbers, Pipefitters, and Stucco Masons n n n n n n n n n	47-2142	. •	n	n		n	n		n none none Long OJT	Not Favorable
47-211 Plasterers and Stucco Masons					•					
A7-2171 Reinforcing Iron and Rebar Workers n n n n n n n n n			_							,
47-2181 Roofers 260 283 23 8.8% 2 4 6 none										
47-2211 Sheet Metal Workers 793 834 41 5.2% 4 17 21 High School none Apprenticeship Favorable		ÿ								
A7-2021 Structural Iron and Steel Workers 149 143 -6 -4.0% 0 2 2 High School none Apprenticeship Not Favorable										
Helpers-Brickmasons, Blockmasons, Stonemasons, and Tight Tile and Marble Setters Tile and Tile Setters Tile Setters Tile Setters Tile and Tile Setters Tile Setters Tile And Tile Setters Tile Setter										
Tile and Marble Setters										
47-3013 Helpers-Electricians 84 95 11 13.1% 1 1 2 High School none Short OJT Easy Favorable		· · · · · · · · · · · · · · · · · · ·	<u></u>						·	
Helpers-Painters, Paperhangers, Plasterers, and Stucco								1		
Masons								· ·		
47-3015	47-3014		n	n	n	n	n	n	n none none Short OJT	Less Favorable
HelpersPipelayers, Plumbers, Pipefitters, and Steamfitters	17 0015	Masons	77	01	4	E 20/	0	1	1 Ulah Cahaal I nana I Chart O IT	Lara Sovereble
47-3016 HelpersRoofers n	47-3015	Holpara Pinalayara Plumbara Pinafittare and Steamfittare	11	δι	4	5.∠7₀	U	<u>'</u>	1 High School none Short OJ I	Less Favorable
47-3019 Helpers, Construction Trades, All Other 50 57 7 14.0% 1 1 2 none none Short OJT Favorable 47-4011 Construction and Building Inspectors 322 346 24 7.5% 2 9 11 High School 5+ years Moderate OJT Very Favorable 47-4021 Elevator Installers and Repairers n <	47-3016		n	n	n	n	n	n	n none I none I Short O.IT	Less Favorable
47-4011 Construction and Building Inspectors 322 346 24 7.5% 2 9 11 High School 5+ years Moderate OJT Very Favorable 47-4021 Elevator Installers and Repairers n </td <td></td>										
## 47-4021 Elevator Installers and Repairers ## 17-4021 Elevator Installers and Repairers ## 17-4031 Fence Erectors ## 17-4031 Fence Erectors ## 17-4031 Fence Erectors ## 17-4041 Hazardous Materials Removal Workers ## 18-4041 Hazardous Materials Removal Workers ## 18-4041 Highway Maintenance Workers ## 18-4041 Rail-Track Laying and Maintenance Equipment Operators ## 18-4041 Rail-Track Laying and Maintenance Equipment Operators ## 18-4041 Septic Tank Servicers and Sewer Pipe Cleaners ## 18-4041 Septic Tank Servicers ## 18-4041 Septic T								-		
47-4041 Hazardous Materials Removal Workers 232 284 52 22.4% 5 5 10 High School none Moderate OJT Favorable 47-4051 Highway Maintenance Workers 1,831 1,936 105 5.7% 10 49 59 High School none Moderate OJT Favorable 47-4061 Rail-Track Laying and Maintenance Equipment Operators 10 12 2 20.0% 0 0 0 High School none Moderate OJT Less Favorable 47-4071 Septic Tank Servicers and Sewer Pipe Cleaners 132 166 34 25.8% 3 3 6 none none Moderate OJT Favorable 47-4099 Construction and Related Workers, All Other 240 248 8 3.3% 1 4 5 High School none Moderate OJT Less Favorable 47-5021 Earth Drillers, Except Oil and Gas 121 121 0 0.0% 0 3 3 High School none Moderate OJT Less Favorable 47-5031 Explosives Workers, Ordnance Handling Experts, and n n										
47-4051 Highway Maintenance Workers 1,831 1,936 105 5.7% 10 49 59 High School none Moderate OJT Favorable 47-4061 Rail-Track Laying and Maintenance Equipment Operators 10 12 2 20.0% 0 0 0 High School none Moderate OJT Less Favorable 47-4071 Septic Tank Servicers and Sewer Pipe Cleaners 132 166 34 25.8% 3 3 6 none none Moderate OJT Favorable 47-4099 Construction and Related Workers, All Other 240 248 8 3.3% 1 4 5 High School none Moderate OJT Less Favorable 47-5021 Earth Drillers, Except Oil and Gas 121 121 0 0.0% 0 3 3 High School none Moderate OJT Less Favorable 47-5031 Explosives Workers, Ordnance Handling Experts, and n										
47-4061 Rail-Track Laying and Maintenance Equipment Operators 10 12 2 20.0% 0 0 0 High School none Moderate OJT Less Favorable 47-4071 Septic Tank Servicers and Sewer Pipe Cleaners 132 166 34 25.8% 3 3 6 none none Moderate OJT Favorable 47-4099 Construction and Related Workers, All Other 240 248 8 3.3% 1 4 5 High School none Moderate OJT Less Favorable 47-5021 Earth Drillers, Except Oil and Gas 121 121 0 0.0% 0 3 3 High School none Moderate OJT Less Favorable 47-5031 Explosives Workers, Ordnance Handling Experts, and n n n n n n n n n n n n Not Favorable										
47-4071 Septic Tank Servicers and Sewer Pipe Cleaners 132 166 34 25.8% 3 3 6 none none Moderate OJT Favorable 47-4099 Construction and Related Workers, All Other 240 248 8 3.3% 1 4 5 High School none Moderate OJT Less Favorable 47-5021 Earth Drillers, Except Oil and Gas 121 121 0 0.0% 0 3 3 High School none Moderate OJT Less Favorable 47-5031 Explosives Workers, Ordnance Handling Experts, and n n n n n n n n n n Not Favorable										
47-4099 Construction and Related Workers, All Other 240 248 8 3.3% 1 4 5 High School none Moderate OJT Less Favorable 47-5021 Earth Drillers, Except Oil and Gas 121 121 0 0.0% 0 3 3 High School none Moderate OJT Less Favorable 47-5031 Explosives Workers, Ordnance Handling Experts, and n n n n n n n n n n Not Favorable										
47-5021 Earth Drillers, Except Oil and Gas 121 121 0 0.0% 0 3 3 High School none Moderate OJT Less Favorable Less Favorable 47-5031 Explosives Workers, Ordnance Handling Experts, and n n n n n n n n High School <5 years Long OJT Not Favorable										
47-5031 Explosives Workers, Ordnance Handling Experts, and n n n n n High School <5 years Long OJT Not Favorable										
	7, 000.	Blasters		· [•		-		11 11911 001100. 10 704.0 229 22.	11011 4.0.40.0

	oshire Long-term Occupational Projections								
2014 to 20	24								
soc		2014	2024	Numeric	Percent	Openings			Occupational
Code	Occupation Title	Estimated	Projected	Change	Change Growth	Replacement	Total	Education/Experience/Training	Descriptor
	HelpersExtraction Workers	63	63	0	0.0%			High School none Moderate OJT	Less Favorable
	Extraction Workers, All Other	n	n	n		n n		High School none Moderate OJT	Less Favorable
	Installation, Maintenance, and Repair Occupations	25,578	27,090	1,512		598			
	First-Line Supervisors of Mechanics, Installers, and Repairers	2,026	2,109	83	4.1%	8 40	48	High School < 5 yrs none	Favorable
49-2011	Computer, Automated Teller, and Office Machine Repairers	865	915	50	5.8%	5 17	7 22	Some College none Short OJT	Favorable
49-2021	Radio, Cellular, and Tower Equipment Installers and	n	n	n		n n		Associate none Moderate OJT	Not Favorable
	Repairs								
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	1,222	1,137	-85	-7.0%	0 11	11	Postsecondary none Moderate OJT	Less Favorable
49-2091	Avionics Technicians	89	89	0	0.0%	0 2		Associate none none	Less Favorable
	Electric Motor, Power Tool, and Related Repairers	n	n	n		n n		Postsecondary none Long OJT	Not Favorable
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	39	40	1	2.6%	0 1	1	Postsecondary none Long OJT	Less Favorable
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	292	308	16	5.5%	2 5	7	Postsecondary none Long OJT	Favorable
49-2095	Electrical and Electronics Repairers, Powerhouse,	45	40	-5	-11.1%	0 1	1	Postsecondary none Long OJT	Not Favorable
10.005	Substation, and Relay				45.5			<u> </u>	
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	44	24	-20	-45.5%	0 1		Postsecondary none Short OJT	Not Favorable
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	188	202	14	7.4%	1 3	4	Postsecondary none Short OJT	Favorable
49-2098	Security and Fire Alarm Systems Installers	236	292	56	23.7%	6 6	12	High School none Moderate OJT	Very Favorable
	Aircraft Mechanics and Service Technicians	245	255	10	4.1%			Postsecondary none none	Favorable
49-3021	Automotive Body and Related Repairers	758	814	56	7.4%	6 17		High School none Long OJT	Very Favorable
49-3022	Automotive Glass Installers and Repairers	49	51	2	4.1%	0 1	1	High School none Moderate OJT	Less Favorable
	Automotive Service Technicians and Mechanics	4,213	4,372	159		16 113		Postsecondary none Short OJT	Favorable
	Bus and Truck Mechanics and Diesel Engine Specialists	844	963	119		12 14		High School none Long OJT	Very Favorable
49-3041	Farm Equipment Mechanics and Service Technicians Mobile Heavy Equipment Mechanics, Except Engines	79	84 483	5	6.3%			High School none Long OJT	Less Favorable
49-3042 49-3051	Motorboat Mechanics and Service Technicians	468 201	208	15 7	3.2% 3.5%			High School none Long OJT High School none Long OJT	Favorable Less Favorable
49-3052	Motorcycle Mechanics	221	226	5	2.3%	0 4		Postsecondary none Short OJT	Less Favorable
49-3053	Outdoor Power Equipment and Other Small Engine	306	320	14	4.6%	•		High School none Moderate OJT	Favorable
49-3091	Bicycle Repairers	135	168	33	24.4%	3 5		High School none Moderate OJT	Favorable
49-3092	Recreational Vehicle Service Technicians	107	109	2	1.9%			High School none Long OJT	Less Favorable
49-3093	Tire Repairers and Changers	624	609	-15	-2.4%	0 21		High School none Short OJT	Less Favorable
49-9011	Mechanical Door Repairers	65	70	5	7.7%			High School none Moderate OJT	Favorable
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	160	157	-3	-1.9%	0 6		High School none Moderate OJT	Less Favorable
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and	1,394	1,416	22	1.6%	2 21		Postsecondary none Long OJT	Favorable
	Home Appliance Repairers	114	120	6	5.3%	1 3		High School none Moderate OJT	Less Favorable
49-9041 49-9043	Industrial Machinery Mechanics Maintenance Workers, Machinery	2,168 208	2,591 230	423 22	19.5% 10.6%	42 56 2 3		High School none Long OJT High School none Moderate OJT	Very Favorable Favorable
	Millwrights	110	122	12	10.9%			High School none Apprenticeship	Favorable
49-9051	Electrical Power-Line Installers and Repairers	804	838	34	4.2%	3 32		High School none Long OJT	Favorable
49-9052	Telecommunications Line Installers and Repairers	545	540	-5	-0.9%	0 10		High School none Long OJT	Less Favorable
49-9062	Medical Equipment Repairers	147	158	11	7.5%	1 3		Associate none Moderate OJT	Favorable
	Musical Instrument Repairers and Tuners	n	n	n		n n		High School none Apprenticeship	Less Favorable
	Watch Repairers	n	n	n		n n		High School none Long OJT	Not Favorable
	Precision Instrument and Equipment Repairers, All Other	143	146	3	2.1%			High School none Long OJT	Less Favorable
49-9091	Maintenance and Repair Workers, General Coin, Vending, and Amusement Machine Servicers and	4,623 41	4,996 37	373 -4	8.1% -9.8%	0 (21)		High School none Long OJT High School none Short OJT	Very Favorable Not Favorable
49-9092	Repairers Commercial Divers	36	44	8	22.2%	1 .) 1	Postsecondary none Moderate OJT	Favorable
	Locksmiths and Safe Repairers	105	101	-4	-3.8%			High School none Moderate OJ I	Not Favorable
	Manufactured Building and Mobile Home Installers	52	36	-16	-30.8%			High School < 5 yrs Short OJT	Not Favorable
	Riggers	n	n	n		n n		High School none Short OJT	Less Favorable
49-9097	Signal and Track Switch Repairers	n	n	n	n	n n	n	High School none Moderate OJT	Not Favorable
	HelpersInstallation, Maintenance, and Repair Workers	532	564	32	6.0%	3 17		High School none Short OJT	Favorable
49-9099	Installation, Maintenance, and Repair Workers, All Other	803	872	69	8.6%	7 12		High School none Moderate OJT	Very Favorable
51-0000	Production Occupations First-Line Supervisors of Production and Operating Workers	44,938	45,516	578		01 976 2 44		High Cohool L. F. was Large	Favorable
	Aircraft Structure, Surfaces, Rigging, and Systems	2,792 n	2,816 n	24 n	0.9% n	n n		High School < 5 yrs none High School none Moderate OJT	Not Favorable
51-2021	Assemblers Coil Winders, Tapers, and Finishers	129	125	-4	-3.1%	0 2	2 2	High School none Moderate OJT	Not Favorable
51-2021	Electrical and Electronic Equipment Assemblers	2,051	2,045	-6	-0.3%	0 25		High School none Moderate OJT	Less Favorable
51-2023	Electromechanical Equipment Assemblers	1,044	1,053	9	0.9%	1 13		High School none Moderate OJT	Favorable
51-2031	Engine and Other Machine Assemblers	164	166	2	1.2%			High School none Moderate OJT	Less Favorable
	Structural Metal Fabricators and Fitters	353	382	29	8.2%			High School none Moderate OJT	Favorable
		230						<u> </u>	

New Ham 2014 to 2	npshire Long-term Occupational Projections									
SOC	024	2014	2024	Numeric	Percent		Openings			Occupational
Code	Occupation Title	Estimated	Projected	Change		Growth	Replacement	Total	Education/Experience/Training	Descriptor
51-2091	Fiberglass Laminators and Fabricators	n	n		n	1	періасепіені	n	n High School none Moderate OJT	Less Favorable
51-2091	Team Assemblers	4,084	4,189		2.6%			88	98 High School none Moderate OJT	Favorable
51-2093	Timing Device Assemblers and Adjusters	n	n	n	n			n	n High School none Moderate OJT	Not Favorable
51-2099	Assemblers and Fabricators, All Other	1,499		122	8.1%			32	44 High School none Moderate OJT	Very Favorable
51-3011	Bakers	512		49	9.6%	5		11	16 none none Long OJT	Very Favorable
51-3021	Butchers and Meat Cutters	677			9.6%	6		13	19 none none Long OJT	Very Favorable
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	49			6.1%			1	1 none none Short OJT	Less Favorable
51-3023	Slaughterers and Meat Packers	40		3	7.5%			1	1 none none Short OJT	Favorable
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine	40	44	4	10.0%	0		1	1 none none Moderate OJT	Favorable
51-3092	Operators and Tenders Food Batchmakers	349	382	33	9.5%	3		8	11 High School none Moderate OJT	Very Favorable
51-3092	Food Cooking Machine Operators and Tenders	349			0.0%			1	1 High School none Moderate OJT	Less Favorable
51-3099	Food Processing Workers, All Other	194	237	43	22.2%	4		4	8 none none Moderate OJT	Favorable
51-4011	Computer-Controlled Machine Tool Operators, Metal and	1,806			25.0%			55	100 High School none Moderate OJT	Very Favorable
	Plastic	.,	_,							,
51-4012	Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic	159	199	40	25.2%	4		5	9 High School none Long OJT	Favorable
51-4021	Extruding and Drawing Machine Setters, Operators, and	620	498	-122	-19.7%	0		15	15 High School none Moderate OJT	Less Favorable
31 4021	Tenders, Metal and Plastic	020	490	122	13.7 /6					Lood I avolable
51-4022	Forging Machine Setters, Operators, and Tenders, Metal	27	23	-4	-14.8%	0		1	1 High School none Moderate OJT	Not Favorable
51-4023	and Plastic Rolling Machine Setters, Operators, and Tenders, Metal and	33	30	-3	-9.1%	0		1	1 High School none Moderate OJT	Not Favorable
	Plastic									
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	519	441	-78	-15.0%	0		7	7 High School none Moderate OJT	Less Favorable
51-4032	Drilling and Boring Machine Tool Setters, Operators, and	73	61	-12	-16.4%	0		1	1 High School none Moderate OJT	Not Favorable
	Tenders, Metal and Plastic									
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	512	425	-87	-17.0%	0		21	21 High School none Moderate OJT	Less Favorable
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	201	173	-28	-13.9%	0		5	5 High School none Moderate OJT	Not Favorable
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	136	111	-25	-18.4%	0		2	2 High School none Moderate OJT	Not Favorable
51-4041	Machinists	2,357	2,700	343	14.6%	34		68	102 High School none Long OJT	Very Favorable
51-4051	Metal-Refining Furnace Operators and Tenders	36			0.0%			1	1 High School none Moderate OJT	Less Favorable
51-4052	Pourers and Casters, Metal	60			-18.3%			2	2 High School none Moderate OJT	Not Favorable
51-4061	Model Makers, Metal and Plastic	33			-9.1%			1	1 High School none Moderate OJT	Not Favorable
51-4062	Patternmakers, Metal and Plastic	n	n	n	n 05.00/			n	n High School none Moderate OJT	Not Favorable
51-4071 51-4072	Foundry Mold and Coremakers Molding, Coremaking, and Casting Machine Setters,	237 1,178	177 942	-60 -236	-25.3% -20.0%			18	4 High School none Moderate OJT 18 High School none Moderate OJT	Not Favorable Less Favorable
31-40/2	Operators, and Tenders, Metal and Plastic	1,178	942	-236	-20.0%	"		10	roji ilgri ochool none Moderate Ou i	Less Favorable
51-4081	Multiple Machine Tool Setters, Operators, and Tenders,	1,054	1,021	-33	-3.1%	. 0		18	18 High School none Moderate OJT	Less Favorable
	Metal and Plastic	.,501	.,521	50	3.170			-		
51-4111	Tool and Die Makers	352	319		-9.4%	0		2	2 High School none Long OJT	Not Favorable
51-4121	Welders, Cutters, Solderers, and Brazers	1,114	1,157	43	3.9%			32	36 High School none Moderate OJT	Favorable
51-4122	Welding, Soldering, and Brazing Machine Setters,	282	244	-38	-13.5%	0		8	8 High School none Moderate OJT	Less Favorable
E1 4101	Operators, and Tenders	22	70	10	4444			2	O High Cohool Lagge I Made at COLT	Not Enversely
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	92	79	-13	-14.1%	0		2	2 High School none Moderate OJT	Not Favorable
51-4192	Layout Workers, Metal and Plastic	n	n	n	n	2		n	n High School none Moderate OJT	Not Favorable
51-4192	Plating and Coating Machine Setters, Operators, and	n 110	93	n -17	-15.5%	n 0		n 3	3 High School none Moderate OJT	Not Favorable
	Tenders, Metal and Plastic				. 2.370				9	
51-4194	Tool Grinders, Filers, and Sharpeners	77			-15.6%			2	2 High School none Moderate OJT	Not Favorable
51-4199	Metal Workers and Plastic Workers, All Other	1,071	864	-207	-19.3%			19	19 High School none Moderate OJT	Less Favorable
51-5111	Prepress Technicians and Workers	141			-23.4%			2	2 Postsecondary none none	Not Favorable
51-5112	Printing Press Operators	914			-6.0%			14	14 High School none Moderate OJT	Less Favorable
51-5113	Print Binding and Finishing Workers Laundry and Dry-Cleaning Workers	215			-2.3%			3	3 High School none Short OJT	Not Favorable
51-6011 51-6021	Pressers, Textile, Garment, and Related Materials	824 271			1.7% -5.9%			12 6	13 none none Short OJT 6 none none Short OJT	Favorable Less Favorable
51-6021	Sewing Machine Operators	609		-45	-7.4%			4	4 none none Short OJT	Not Favorable
51-6041	Shoe and Leather Workers and Repairers	46			-28.3%			1	1 High School none Moderate OJT	Not Favorable
51-6051	Sewers, Hand	n	n	n	n			n	n none none Moderate OJT	Not Favorable
51-6052	Tailors, Dressmakers, and Custom Sewers	214	191	-23	-10.7%			7	7 none none Moderate OJT	Less Favorable
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	28	28	0	0.0%	0		0	0 High School none Short OJT	Not Favorable
51-6062	TOTAGE	47	42	-5	-10.6%	0		1	1 High School I none Moderate O.IT	Not Favorable

42

262

47

264

-5

-10.6%

-0.8%

0

51-6062

51-6063

Textile Cutting Machine Setters, Operators, and Tenders
Textile Knitting and Weaving Machine Setters, Operators, and Tenders

1 High School | none | Moderate OJT

4 High School | none | Short OJT

Not Favorable

Not Favorable

	pshire Long-term Occupational Projections									
2014 to 20	024									
soc		2014	2024	Numeric	Percent		Openings			Occupational
Code	Occupation Title	Estimated	Projected	Change	Change	Growth F	•	Total	Education/Experience/Training	Descriptor
51-6064	Textile Winding, Twisting, and Drawing Out Machine	n	n	n		n	n		High School none Moderate OJT	Not Favorable
51-6091	Extruding and Forming Machine Setters, Operators, and	n	n	n	n	n	n	n	High School none Moderate OJT	Not Favorable
	Tenders, Synthetic and Glass Fibers									
51-6092	Fabric and Apparel Patternmakers	n	n	n	n		n		High School none Moderate OJT	Not Favorable
51-6093	Upholsterers	113	123	10			3		High School none Moderate OJT	Favorable
51-6099	Textile, Apparel, and Furnishings Workers, All Other	420	439	19	4.5%		4		High School none Short OJT	Favorable
51-7011 51-7021	Cabinetmakers and Bench Carpenters Furniture Finishers	396 33	423 35	27 2	6.8% 6.1%		<u>3</u>		High School none Moderate OJT High School none Short OJT	Favorable Less Favorable
51-7021	Sawing Machine Setters, Operators, and Tenders, Wood	226	237	11	4.9%		6		High School none Short OJT	Favorable
51-7041	Woodworking Machine Setters, Operators, and Tenders,	505	524	19	3.8%		9		High School none Short OJT	Favorable
0.70.2	Except Sawing		02.	.0	0.070	_	ŭ			
51-7099	Woodworkers, All Other	n	n	n	n	n	n	n	High School none Moderate OJT	Less Favorable
51-8011	Nuclear Power Reactor Operators	n	n	n	n	n	n	n	High School none Long OJT	Not Favorable
51-8012	Power Distributors and Dispatchers	n	n	n	n		n		High School none Long OJT	Not Favorable
51-8013	Power Plant Operators	168	152	-16	-9.5%		6		High School none Long OJT	Less Favorable
51-8021	Stationary Engineers and Boiler Operators	86	83	-3			2		High School none Long OJT	Not Favorable
51-8031	Water and Wastewater Treatment Plant and System	368	393	25	6.8%		9		High School none Long OJT	Favorable
51-8091 51-8092	Chemical Plant and System Operators Gas Plant Operators	n n	n n	n	n n	n n	n n		High School none Long OJT High School none Long OJT	Less Favorable Not Favorable
51-8092	Petroleum Pump System Operators, Refinery Operators,	n	n	n n	n n	n	n		High School none Long OJT	Favorable
31-0093	and Gaugers	"	"	"	"	"	"	"	Trigit School Hotie Long Co 1	i avoi abie
51-8099	Plant and System Operators, All Other	89	85	-4	-4.5%	0	3	3	High School none Long OJT	Not Favorable
51-9011	Chemical Equipment Operators and Tenders	327	343	16			10		High School none Moderate OJT	Favorable
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still	169	183	14	8.3%	1	5		High School none Moderate OJT	Favorable
	Machine Setters, Operators, and Tenders									
51-9021	Crushing, Grinding, and Polishing Machine Setters,	126	124	-2	-1.6%	0	3	3	High School none Moderate OJT	Not Favorable
	Operators, and Tenders									
51-9022	Grinding and Polishing Workers, Hand	180	163	-17	-9.4%		4		none none Moderate OJT	Not Favorable
51-9023	Mixing and Blending Machine Setters, Operators, and	260	255	-5	-1.9%	0	6	6	High School none Moderate OJT	Less Favorable
51-9031	Tenders Cutters and Trimmers, Hand	37	33	-4	-10.8%	0	1	1	none none Short OJT	Not Favorable
51-9031	Cutting and Slicing Machine Setters, Operators, and	211	194	-17	-8.1%		<u> </u>		High School none Short OJT	Not Favorable
31-9032	Tenders	211	134	-17	-0.176		7	7	Trigit School Hotie Short Out	NOT I AVOIABLE
51-9041	Extruding, Forming, Pressing, and Compacting Machine	387	343	-44	-11.4%	0	14	14	High School none Moderate OJT	Less Favorable
	Setters, Operators, and Tenders								3	
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and	28	27	-1	-3.6%	0	1	1	High School none Moderate OJT	Not Favorable
	Tenders									
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	3,297	3,422	125	3.8%		83		High School none Moderate OJT	Favorable
51-9071	Jewelers and Precious Stone and Metal Workers	111	95	-16			2		High School none Long OJT	Not Favorable
51-9081	Dental Laboratory Technicians	154	175	21	13.6%		4		High School none Moderate OJT	Favorable
51-9082 51-9083	Medical Appliance Technicians Ophthalmic Laboratory Technicians	n 308	n 332	n 24	7.8%	n 2	n		High School none Long OJT High School none Moderate OJT	Not Favorable Favorable
51-9063	Packaging and Filling Machine Operators and Tenders	1,011	1,069	58	5.7%		36		High School none Moderate OJT	Favorable
51-9121	Coating, Painting, and Spraying Machine Setters,	434	445	11	2.5%		8		High School none Moderate OJT	Less Favorable
0.012.	Operators, and Tenders			• •	2.070		ŭ		I light content moderate con	2000 : 470.42.0
51-9122	Painters, Transportation Equipment	63	67	4	6.3%	0	1	1	High School none Moderate OJT	Less Favorable
51-9123	Painting, Coating, and Decorating Workers	n	n	n	n	n	n	n	none none Moderate OJT	Not Favorable
51-9141	Semiconductor Processors	115	113	-2			2		Associate none Moderate OJT	Not Favorable
51-9151	Photographic Process Workers and Processing Machine	219	154	-65	-29.7%	0	4	4	High School none Short OJT	Not Favorable
E4 0404	Operators								LILLO LA LA LA CATA	N . 5
51-9191	Adhesive Bonding Machine Operators and Tenders	n 170	n 100	n	n 7.00/		n n		High School none Moderate OJT	Not Favorable
51-9192 51-9193	Cleaning, Washing, and Metal Pickling Equipment Cooling and Freezing Equipment Operators and Tenders	179	193	14			5		none none Moderate OJT High School none Moderate OJT	Favorable
51-9193	Etchers and Engravers	n 30	n 31	n	3.3%		n		High School none Moderate OJT	Less Favorable Less Favorable
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	333	308	-25			11		High School none Long OJT	Less Favorable
51-9196	Paper Goods Machine Setters, Operators, and Tenders	204	170	-34			3		High School none Moderate OJT	Not Favorable
51-9197	Tire Builders	n	n	n	n		n		High School none Moderate OJT	Not Favorable
51-9198	HelpersProduction Workers	1,756	1,891	135	7.7%	14	57	71	none none Short OJT	Very Favorable
51-9199	Production Workers, All Other	2,222	2,371	149	6.7%		46		High School none Moderate OJT	Favorable
53-0000	Transportation and Material Moving Occupations	35,319	37,719	2,400	6.8%	1	802			
53-1011	Aircraft Cargo Handling Supervisors	n	n	n	n	n	<u>n</u>		High School < 5 yrs none	Not Favorable
53-1021	First-Line Supervisors of Helpers, Laborers, and Material	465	486	21			15		High School < 5 yrs none	Favorable
53-1031	First-Line Supervisors of Transportation and Material- Moving Machine and Vehicle Operators	691	721	30	4.3%	3	22	25	High School < 5 yrs none	Favorable
53-2011	Airline Pilots, Copilots, and Flight Engineers	53	54	1	1.9%	0	1	1	Bachelor < 5 yr Moderate OJT	Less Favorable
53-2011	Commercial Pilots	212	227	15			5		High School none Moderate OJT	Favorable
53-2012	Air Traffic Controllers	447	437	-10			14		Associate none Long OJT	Less Favorable
53-2022	Airfield Operations Specialists	n	n	n			n		High School none Long OJT	Not Favorable
53-2031	Flight Attendants	n	n	n			n		High School < 5 yrs Moderate OJT	Not Favorable
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New Hampshire Long-term Occupational Projections 2014 to 2024

2014 to 20)24							
SOC		2014	2024	Numeric	Percent	Openings		Occupational
Code	Occupation Title	Estimated	Projected	Change	Change Growth	Replacement Total	Education/Experience/Training	Descriptor
53-3011	Ambulance Drivers and Attendants, Except Emergency	98		28	28.6%	3 2	5 High School none Moderate OJT	Favorable
53-3021	Bus Drivers, Transit and Intercity	328		40	12.2%	4 4	8 High School none Moderate OJT	Favorable
53-3022	Bus Drivers, School or Special Client	2,541	2,900	359	14.1%	36 33	69 High School none Short OJT	Very Favorable
53-3031	Driver/Sales Workers	2,494	2,656	162	6.5%	16 42	58 High School none Short OJT	Favorable
53-3032	Heavy and Tractor-Trailer Truck Drivers	7,189	7,519	330	4.6%	33 122	155 Postsecondary none Short OJT	Favorable
53-3033	Light Truck or Delivery Services Drivers	4,362	4,645	283	6.5%	28 74	102 High School none Short OJT	Favorable
53-3041	Taxi Drivers and Chauffeurs	1,152	1,311	159	13.8%	16 22	38 none none Short OJT	Very Favorable
53-3099	Motor Vehicle Operators, All Other	350	379	29	8.3%	3 11	14 none none Short OJT	Very Favorable
53-4011	Locomotive Engineers	23	23	0	0.0%	0 1	1 High School < 5 yrs Moderate OJT	Less Favorable
53-4021	Railroad Brake, Signal, and Switch Operators	n		n	n	n n	n High School none Moderate OJT	Not Favorable
53-4031	Railroad Conductors and Yardmasters	23	27	4	17.4%	0 1	1 High School none Moderate OJT	Favorable
53-4099	Rail Transportation Workers, All Other	n	n	n	n	n n	n High School none Moderate OJT	Not Favorable
53-5011	Sailors and Marine Oilers	n		n	n	n n	n none none Moderate OJT	Not Favorable
53-5021	Captains, Mates, and Pilots of Water Vessels	94		18	19.1%	2 4	6 Postsecondary < 5 yrs none	Favorable
53-5022	Motorboat Operators	n		n	n	n n	n Postsecondary < 5 yrs none	Not Favorable
53-5031	Ship Engineers	n		n	n	n n	n Postsecondary < 5 yrs none	Less Favorable
53-6011	Bridge and Lock Tenders	n		n	n	n n	n High School none Short OJT	Not Favorable
53-6021	Parking Lot Attendants	310		16	5.2%	2 17	19 none none Short OJT	Favorable
53-6031	Automotive and Watercraft Service Attendants	498		40	8.0%	4 20	24 none none Short OJT	Very Favorable
53-6041	Traffic Technicians	n		n	n	n n	n High School none Moderate OJT	Less Favorable
53-6051	Transportation Inspectors	42		3	7.1%	0 1	1 High School none Moderate OJT	Favorable
53-6061	Transportation Attendants, Except Flight Attendants	n		n	n	n n	n High School none Short OJT	Less Favorable
53-6099	Transportation Workers, All Other	79		6	7.6%	1 4	5 High School none Short OJT	Favorable
53-7011	Conveyor Operators and Tenders	40		1	2.5%	0 1	1 none none Short OJT	Less Favorable
53-7021	Crane and Tower Operators	n		n	n 4 00/	n n	n High School < 5 yrs Moderate OJT	Less Favorable
53-7032	Excavating and Loading Machine and Dragline Operators	454		21	4.6%	2 5	7 High School < 5 yrs Moderate OJT	Favorable
53-7041	Hoist and Winch Operators Industrial Truck and Tractor Operators	n	n	n	n n	n n	n none none Short OJT	Less Favorable
53-7051		1,468	,	43	2.9%	4 36	40 none none Short OJT	Favorable
53-7061	Cleaners of Vehicles and Equipment	1,038		99 483	9.5% 7.3%	10 36 48 197	46 none none Short OJT	Very Favorable
53-7062 53-7063	Laborers and Freight, Stock, and Material Movers, Hand Machine Feeders and Offbearers	6,626 540	,	483	1.5%	1 12	245 none none Short OJT	Very Favorable Favorable
53-7063	Packers and Packagers, Hand	1,975		87	4.4%	9 52	13 none none Short OJT 61 none none Short OJT	Favorable
53-7064	Gas Compressor and Gas Pumping Station Operators	1,975 n	,	n		n n	n High School none Moderate OJT	Not Favorable
53-7071	Pump Operators, Except Wellhead Pumpers	59		3	5.1%	0 3	3 High School none Moderate OJT	Less Favorable
53-7072	Refuse and Recyclable Material Collectors	787		62	7.9%	6 20	26 none none Short OJT	Very Favorable
53-7061	Tank Car, Truck, and Ship Loaders	767 n		n	7.9% n	n n	n none none Short OJT	Not Favorable
53-7121	Material Moving Workers, All Other	n		n	n	n n	n none none Short CoT	Favorable
33-7133	Material Moving Workers, Air Other		- 11	- 11		11 11	11 Hone Hone Short Out	i avoiable
Notes:								
	State Legislators							
	nent data does not meet disclosure standards							
	Total data door not more discussion standards							
Prepared by	Economic and Labor Market Information Bureau, New Hamp	shire Employment	Security, Concord.	New Hampshire	03301 (603) 228-4124			
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